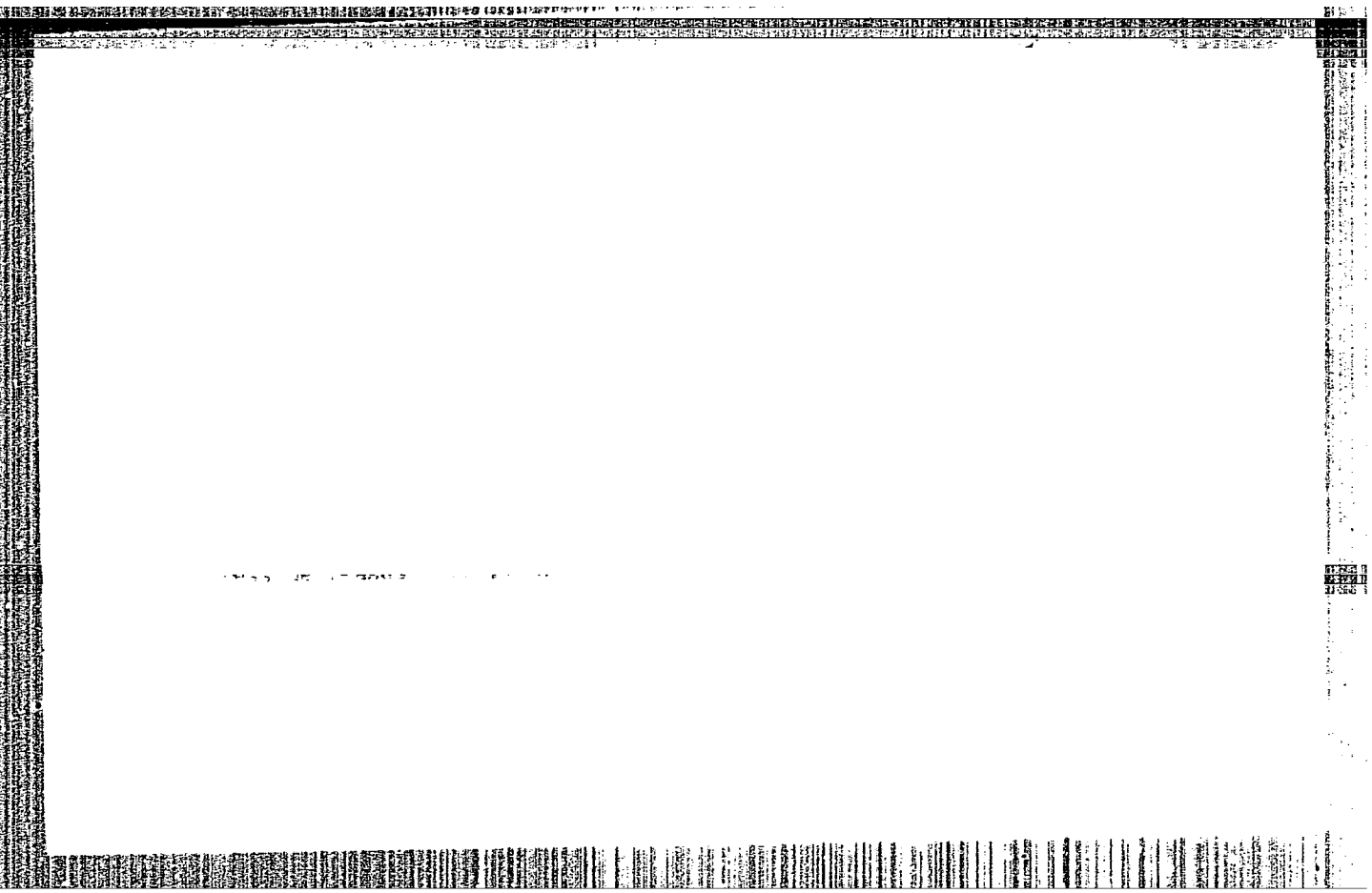
"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0



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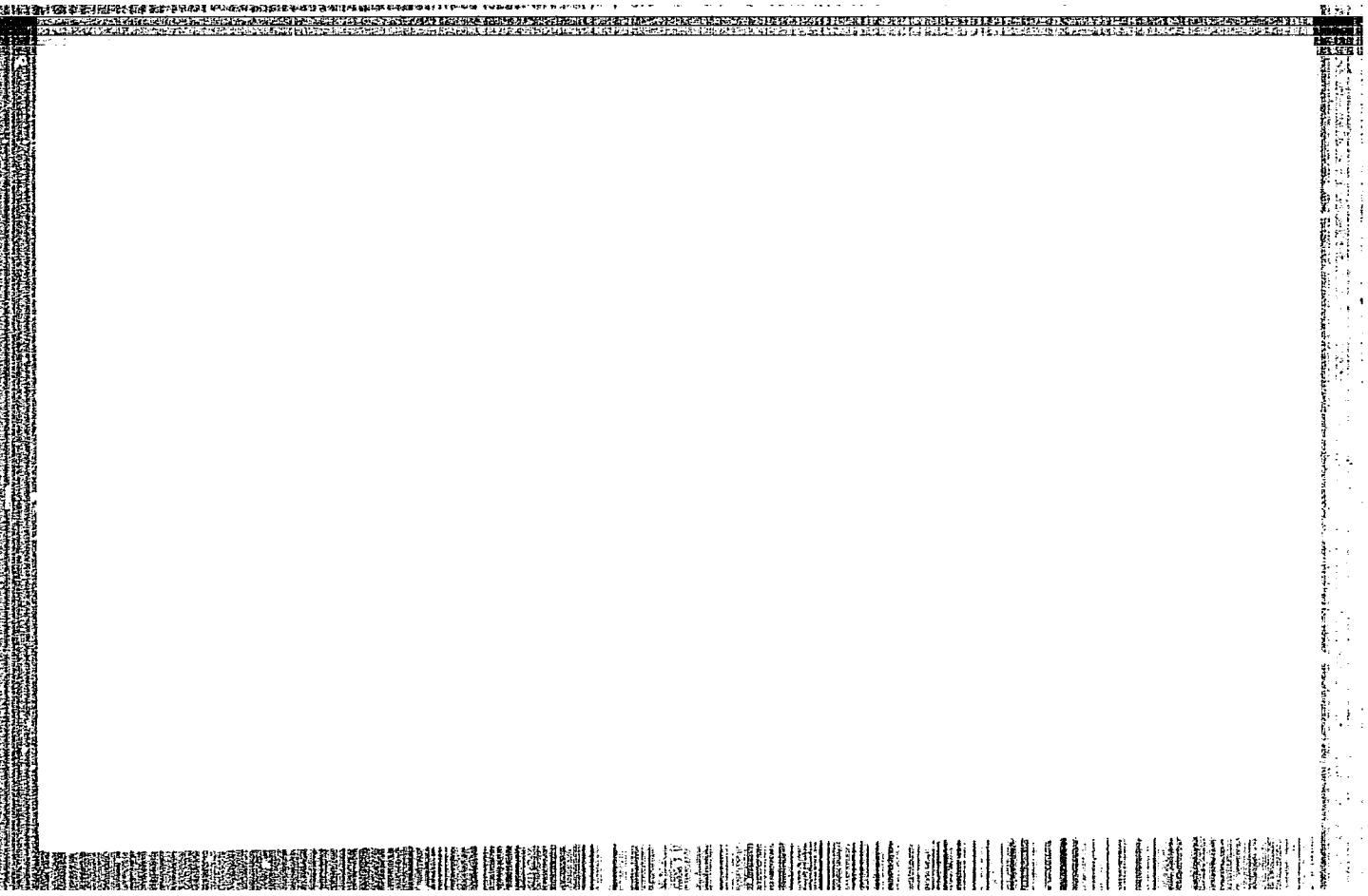

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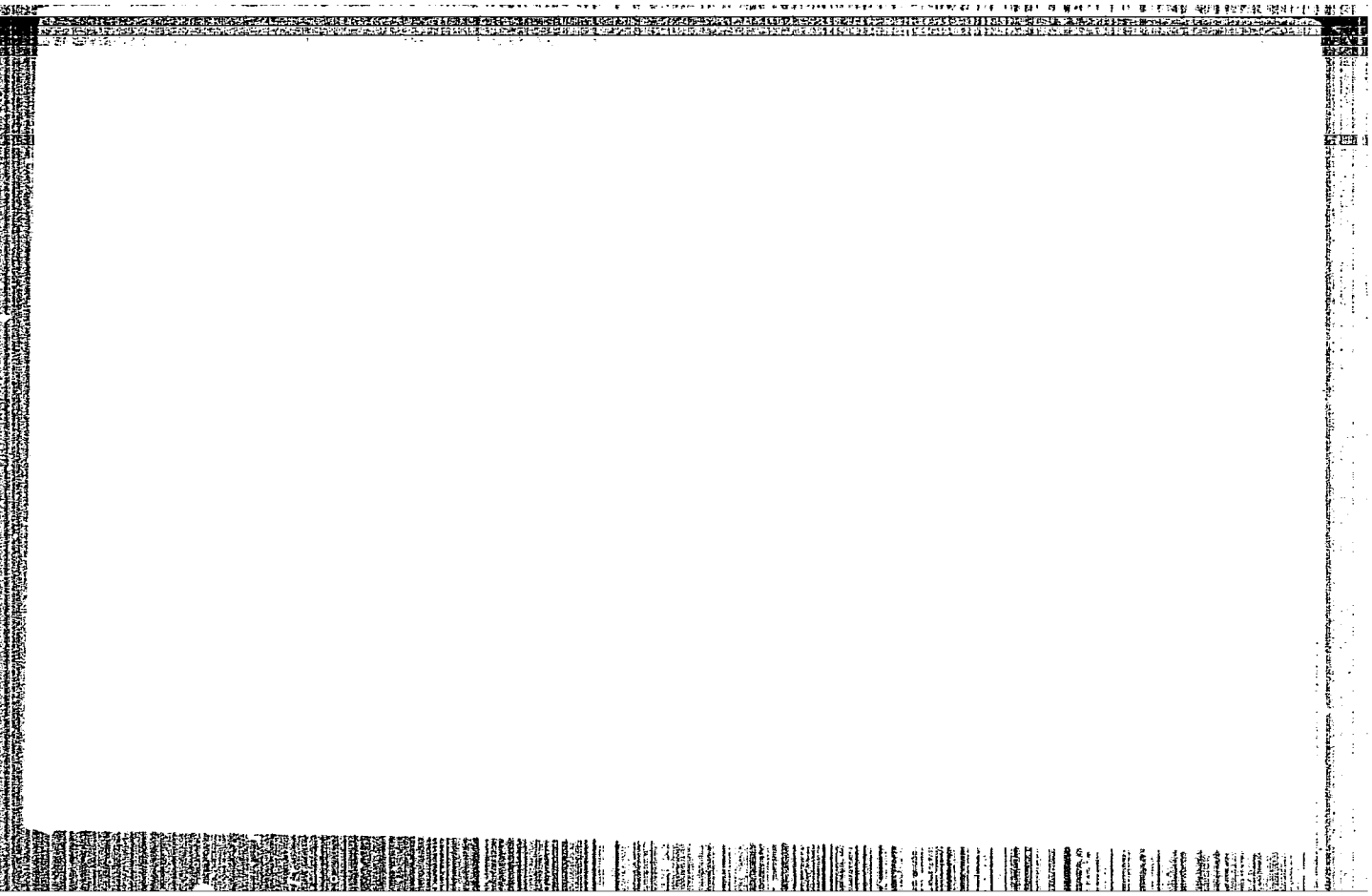

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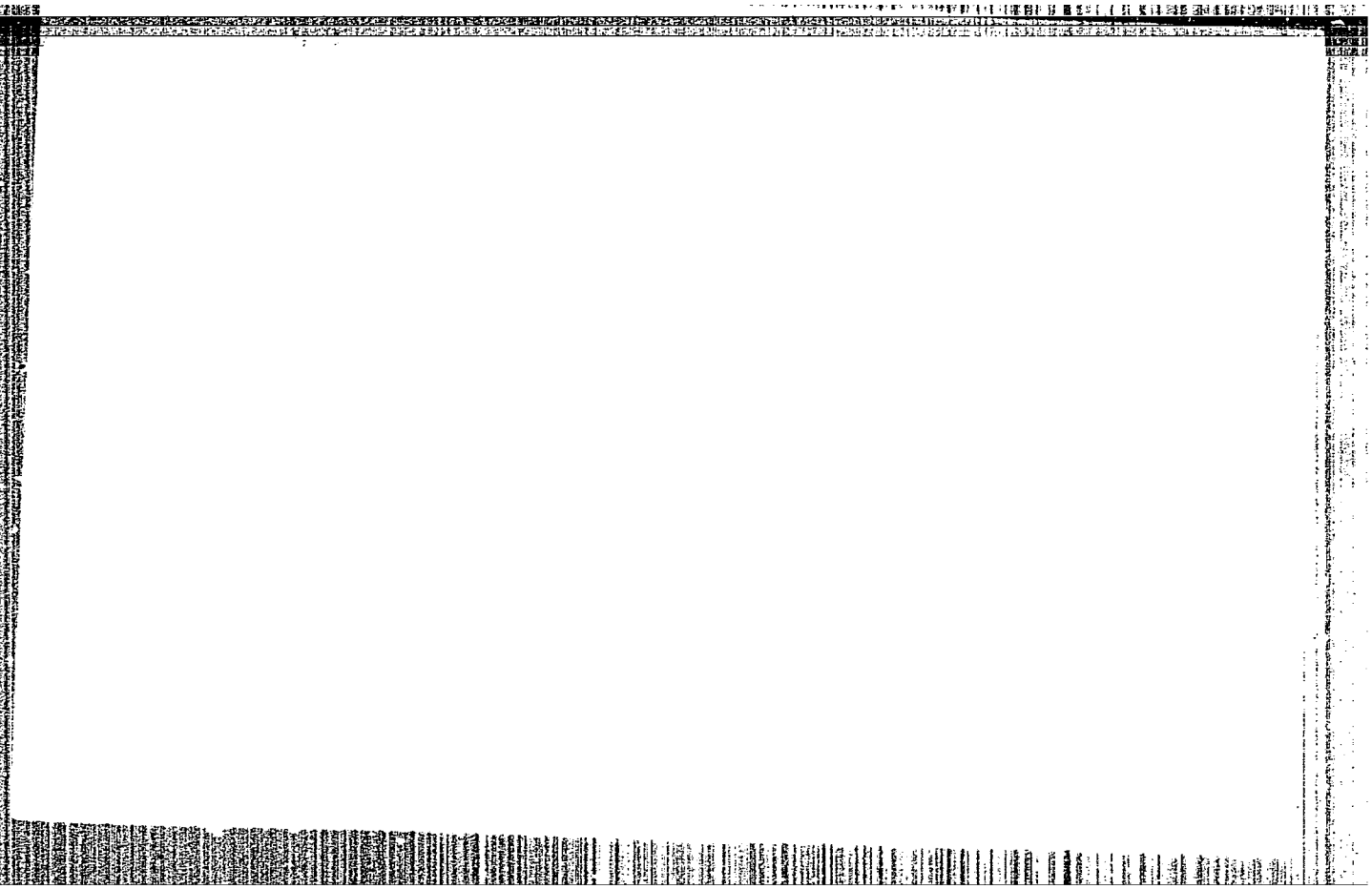

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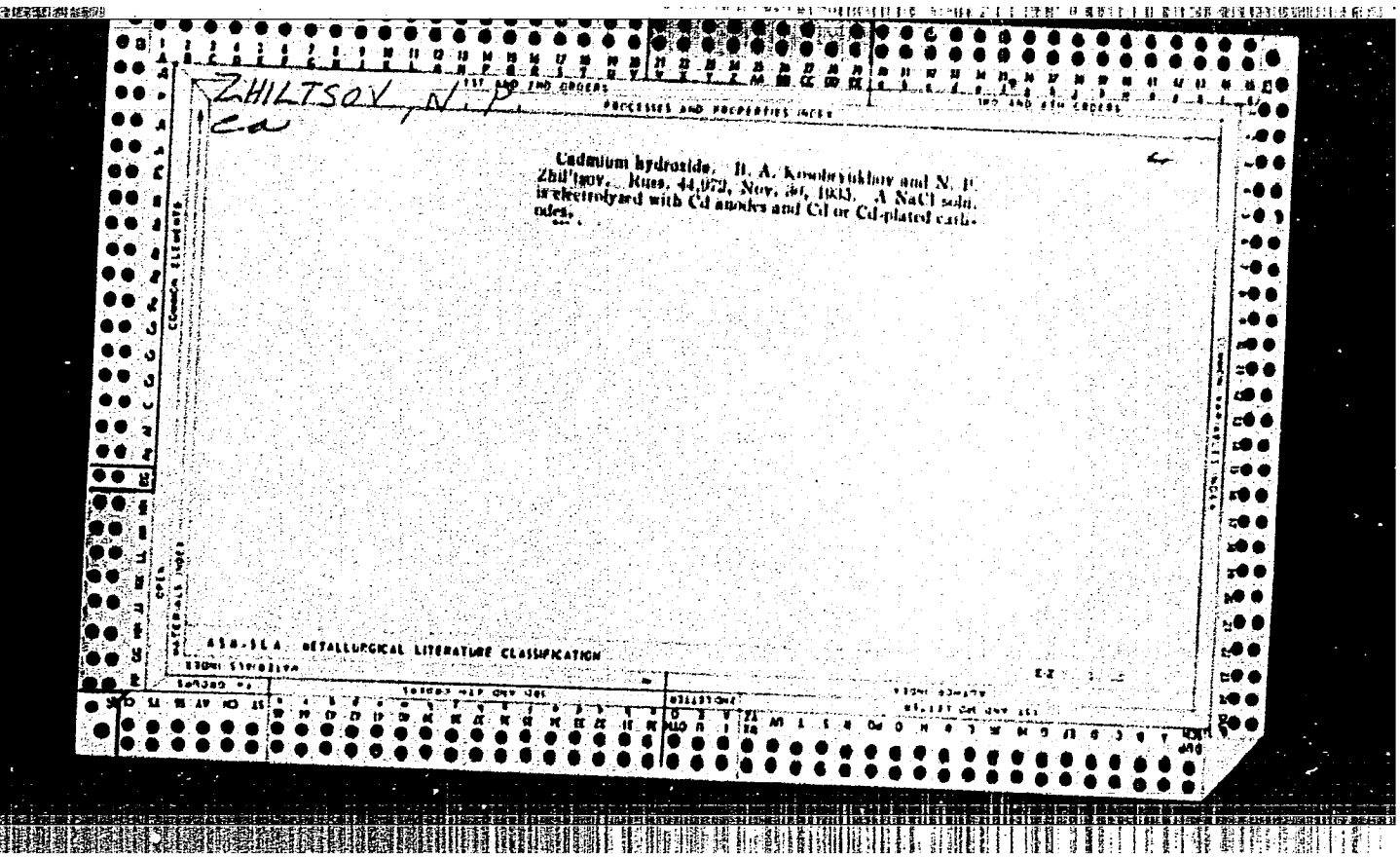
ZHILTSOV, N. P.
Cd
Cadmium hydroxide, B. A. Kovalevskikhov and N. P.
Zhil'tsov, Russ. 44,073, Nov. 30, 1933. A NaCl soln.
is electrolyzed with Cd anodes and Cu or Cd-plated cath-
odes.
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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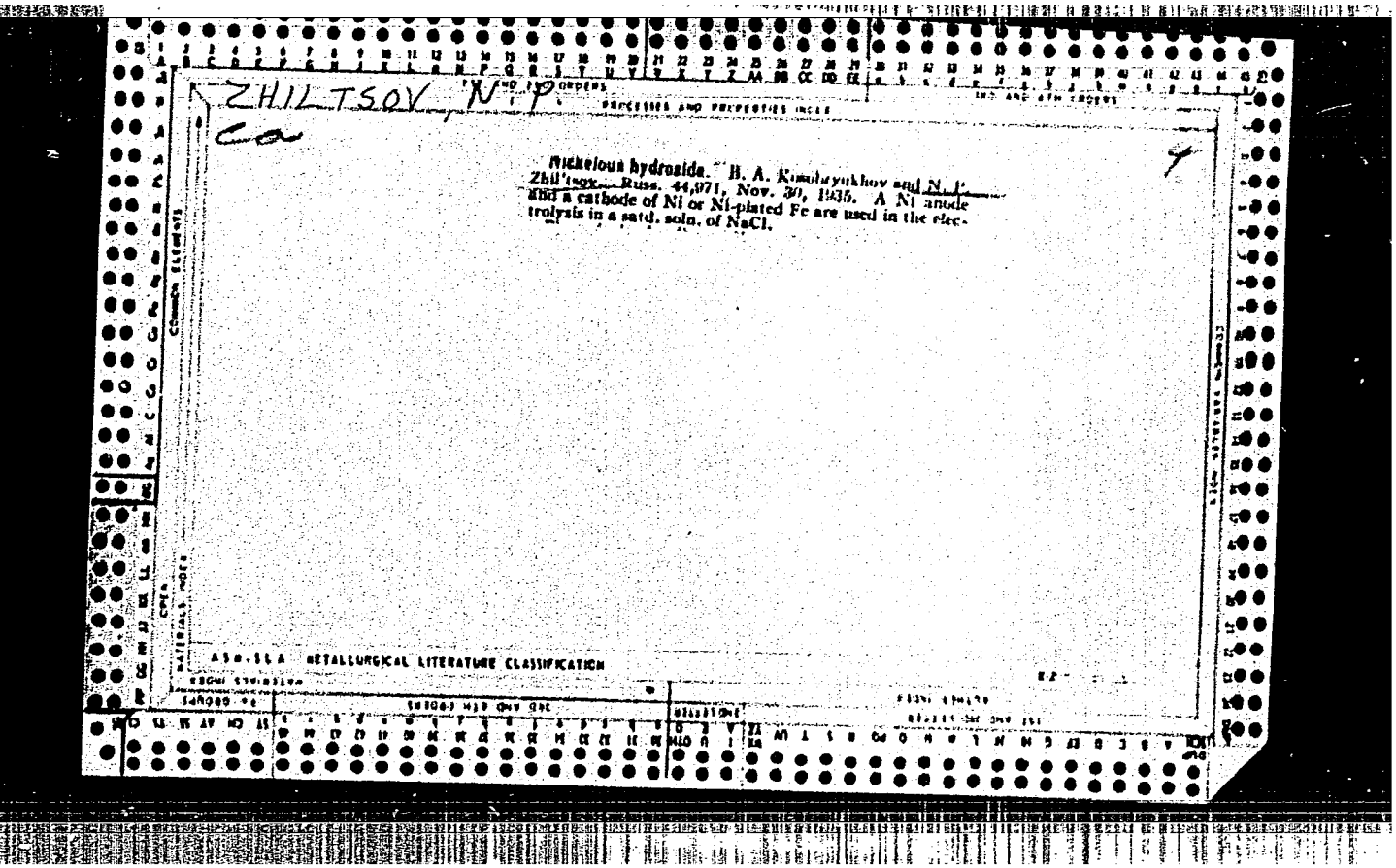

ZHILTSOV, N. P.

Ca

Nickelous hydroxide. B. A. Kinshayukhov and N. P. Zhil'tsov. Russ. 44,971, Nov. 30, 1935. A Ni anode and a cathode of Ni or Ni-plated Fe are used in the electrolysis in a satd. soln. of NaCl.

7

A54-55A METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, N.P., inzh.

Cutouts signaling the blowing of fuses. Avtom.telem. i sviaz' 3 no.1:17 Ja '59. (MIRA 12:1)
(Electric cutouts)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

Zhil'tsov, N. P.

AUTHOR: Zhil'tsov, N. P., LtGen, Air Force

86-5-4/24

TITLE: Education and Training of Soldiers of the Air Force Rear Service Area (Vospitaniye i vyuchka voinov aviatsionnogo tyla)

PERIODICAL: Vestnik Vozdushnogo Flota, 1957, Nr 5, pp. 21-26 (USSR)

ABSTRACT: The author mentions that the workload of subunits of the rear service area is enormous, particularly during the shifting of Air Force units from one airfield to another. Nevertheless, last year many commanders of technical subunits were successful in servicing flights and training their subordinates. In 1956, the number of outstanding soldiers in these units increased considerably. At the present time every sixth soldier in the subunits of the rear service area is an outstanding soldier. The physical training of the personnel was also improving. In spite of these successes, there are also deficiencies which must be eliminated. One of the main shortcomings in the training of personnel, according to the author, is the lack of discipline. The author

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86-5-4/24

Education and Training of Soldiers of the Air Force Rear Service Area (Cont.)

explains how to train personnel in the spirit of communist consciousness in order to make well-disciplined soldiers.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

TALATYNOV, Yu.S., inzh.; ZHIL'TSOV, P.N., inzh.

We have improved the operation of the switch control relay in a switch network. Avtom., telem. i sviaz' 7 no.6:44 Je '63. (MIRA 17:3)

1. Krasnodarskaya distantsiya signalizatsii i svyazi Severo-Kavkazskoy dorogi (for Talatynov).

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

BARANOV, A.F., redaktor; BIZYUKIN, D.D., redaktor; VAKHNIN, M.I., otvetstvennyy redaktor toma, professor, doktor tekhnicheskikh nauk; VEDENISOV, B.N., redaktor; IVLIYEV, I.V., redaktor; MOSHCHUK, I.D., redaktor; RUDOY, Ye.F., glavnyy redaktor; SOKOLINSKIY, Ya.I., redaktor; SOLOGUBOV, V.N., redaktor; SHILEVSKIY, V.A., redaktor; ALFEROV, A.A., inzhener; ANASHKIN, B.T., inzhener; AFANAS'YEV, Ye.V., laureat Stalinskoy premii, inzhener; BELENKO, K.M., dotsent; BORISOV, D.P., dotsent, kandidat tekhnicheskikh nauk; ZHIL'TSOV, P.N., inzhener; ZRAR, N.R., inzhener; IL'YENKOV, V.I., dotsent, kandidat tekhnicheskikh nauk; KAZAKOV, A.A., kandidat tekhnicheskikh nauk; KRAYZMER, L.P., kandidat tekhnicheskikh nauk; KOTLYARENKO, N.F., dotsent, kandidat tekhnicheskikh nauk; MAYSHEV, P.V., professor, kandidat tekhnicheskikh nauk; MARKOV, M.V., inzhener; NELEPETS, V.S., dotsent, kandidat tekhnicheskikh nauk; NOVIKOV, V.A., dotsent; ORLOV, N.A., inzhener; PETROV, I.I., kandidat tekhnicheskikh nauk; PIVKO, G.M., inzhener; POGODIN, A.M., inzhener; RAMLAU, P.N., dotsent, kandidat tekhnicheskikh nauk; ROGINSKIY, V.N., kandidat tekhnicheskikh nauk; RYAZANTSEV, B.S., laureat Stalinskoy premii, dotsent, kandidat tekhnicheskikh nauk; SNARSKIY, A.A., inzhener; FEL'DMAN, A.B., inzhener; SHASTIN, V.A., laureat Stalinskoy premii, inzhener; SHUR, B.I., inzhener; GONCHUKOV, V.I., inzhener, retsenzent; NOVIKOV, V.A., dotsent, retsenzent; AFANAS'YEV, Ye.V., laureat Stalinskoy premii, retsenzent;

[Technical handbook for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiia, tsentralizatsiia, blokirovka, sviaz'. Red. kollegiia A.F.Baranov [i dr.] Glav.red. E.F.Rudoi. Moskva, Gos. transp. zhel-dor. izd-vo, 1952. 975 p. (Continued on next card)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

BRYLEYEV, A.M., laureat Stalinskoy premii, inzhener; GAMBURG, Ye.Yu., inzhener, retsenzent; GOLOVKIN, M.K., inzhener, retsenzent; KAZAKOV, A.A., kandidat tekhnicheskikh nauk, retsenzent; KUT'IN, I.M., dotsent, kandidat tekhnicheskikh nauk, retsenzent; LEONOV, A.A., inzhener, retsenzent; SEMENOV, N.M., laureat Stalinskoy premii, inzhener, retsenzent; CHERNYSHEV, V.B., inzhener, retsenzent; VALUYEV, G.A., inzhener, retsenzent; METTAS, N.A., laureat Stalinskoy premii, inzhener, retsenzent; NOVIKOV, V.A., dotsent, retsenzent; PIVOVAROV, A.L., inzhener, retsenzent; POGODIN, A.M., inzhener, retsenzent; KHODOROV, L.R., inzhener, retsenzent; PIVOVAROV, A.L., inzhener, retsenzent; POGODIN, A.M., inzhener, retsenzent; KHODOROV, L.R., inzhener, retsenzent; SHUPLOV, V.I., kandidat tekhnicheskikh nauk, retsenzent; KLYKOV, A.F., inzhener, retsenzent; YUDZON, D.M., tekhnicheskiy redaktor; VERINA, G.P., tekhnicheskiy redaktor.

[Technical handbook for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiia, tsentralizatsiia, blokirovka, sviaz'. Red. kollegiia A.F.Baranov [i dr.] Glav.red. E.F.Bidoi. Moskva, Gos. transp. zhel-dor. izd-vo, 1952. 975 p. (Card 2) (MLRA 8:2)
(Railroads--Signaling) (Railroads--Communication systems)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzhener; NAZAROV, F.S. [deceased]; KALININ, V.K., inzhener, redaktor; KHITROV, P.A., tekhnicheskiy redaktor.

[Manual for the electrician and mechanic employed on the centralized traffic control] Rukovodstvo elektromekhaniku i menteru elektricheskoi tsentralizatsii. Izd. 3-e, perer. i dop. Moskva, Ges.transp.zhel-dor.izd-vo, 1955.386 p. (MLRA 9:4)
(Railroads--Signaling) (Railroads--Switching)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, Petr Nikolayevich; RAKITO, E.I., redaktor; KHITROV, P.A., tekhnicheskiy redaktor.

[Dispatch centralization of time codes] Dispetcherskaia tsentralizatsiia vremennogo koda. Moskva, Gos.transp.zhel-dor.izd-vo, 1957. 49 p. (Railroads--Signaling)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzhener.

The development of centralized dispatching. Avtom., telem. i sviaz' no.2:6-10 F '57. (MLRA 10:4)
(Railroads--Train dispatching)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzhener.

Sealing apparatus for signaling, central control and block systems. Avtom.elem. i sviaz' no.7:33 Jl '57. (MLRA 10:8)
(Railroads--Signaling)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Centralized dispatching - a powerful means of increasing traffic capacity. Avtom., telem. i sviaz' no.11:9-10 N '57. (MLRA 10:11)
(Railroads--Train dispatching)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Methods for increasing the dependability of light relays. Avtom., telem. i sviaz' 2 no.2:29 F '58. (MIRA 11:1)
(Electric relays)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, Petr Nikolayevich; MARENKOVA, G.I., red.

[Technical maintenance of electrical interlocking systems; manual for electricians and technicians of CTC systems] Tekhnicheskoe soderzhanie ustroistv elektricheskoi tsentralizatsii; posobie elektromekhaniku i monteru STsB. Moskva, Transport, 1964. 271 p. (MIRA 17:10)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N.

More about the connection of a switch control relay in switch networks. Avtom., telem. i sviaz' 8 no.8:31 Ag '64. (MIRA 17:10)

1. Starshiy ekspert Glavnogo upravleniya signalizatsii i svyazi Ministerstva putey soobshcheniya.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N.

Improvement of switch control networks for electric interlocking systems of small stations. Avtom., telem. i sviaz' 9 no.12:13-16 D '65.

(MIRA 19:1)

1. Glavnyy spetsialist tekhnicheskogo otdela Glavnogo upravleniya signalizatsii i svyazi Ministerstva putey soobshcheniya.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Information. Avtom. telem. i sviaz' 8 no.1:44-45 Ja '64.
(MIRA 17:3)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

BKSMSh-2 condenser block. Avtom., telem. i sviaz' 7 no.10:11 O '63. (MIRA 16:11)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ANTONYUK, I.D.; ORLOV, V.G.; SAMSONOV, A.V.; ASHIKHMIN, A.K., inzh., retsenzent; ZHIL'TSOV, P.N., inzh., retsenzent; KOZAK, V.A., inzh., retsenzent; POGODIN, A.M., inzh.; POTAPOV, V.P., inzh., retsenzent; RYSHCHUK, N.S., red.; BOBROVA, Ye.N., tekhn.red.

[Handbook for the station master] Spravochnik nachal'nika stantsii. Moskva, Transzheldorizdat, 1963. 571 p.
(MIRA 17:2)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Polarized plug-in relay. Avtom., telem. i sviaz' 7 no.11:14-15 N '63. (MIRA 16:12)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Two-wire control network of the switches of electric interlocking systems of small railroad stations. Avtom., telem. i sviaz' 7 no.7:1-3 Jl '63. (MIRA 16:10)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

VELTISTOV, P.K.; ZHIL'TSOV, P.N., inzh., retsenzent; MARENKOVA, G.I., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Standard networks of relay interlocking systems of small stations] Tipovye skhemy rel'einoi tsentralizatsii malykh stantsii. Moskva, Transzheldorizdat, 1963. 123 p. (MIRA 16:10)

(Railroads--Signaling--Interlocking systems)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

BREYDO, Al'bert Itskovich; ZHIL'TSOV, P.N., inzh., retsenzent; KHMEL'NITSKIY, L.I., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Operation of electric interlocking systems] Ekspluatatsiia ustroistv elektricheskoi tsentralizatsii. Moskva, Transzheldorizdat, 1963. 53 p. (MIRA 16:7)
(Railroads--Signaling--Interlocking systems)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

KAZAKOV, Aleksandr Aristarkhovich; ZHIL'TSOV, P.N., inzh., retsenzent; ESTRIN, M.Z., inzh., retsenzent; MARENKOVA, G.I., inzh., red.; KHITROVA, N.A., tekhn. red.

[Electric interlocking of switches and singnaling systems] Elektricheskaia tsentralizatsiia strelok i signalov. 4., perer. izd. Moskva, Transzheldorizdat, 1962. 315 p. (MIRA 16:1)
(Railroads--Signaling--Interlocking systems)
(Railroads--Signaling) (Railroads--Switches)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Concerning the protection of electric interlocking devices against overloads and short-circuit currents. Avtom., telem. i sviaz' 6 no.6:45 Je '62. (MIRA 15:7)
(Railroads--Signaling--Interlocking systems)
(Railroads--Electric equipment)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Electromagnetic time relay. Avtom., telem.i sviaz' 6 no.5:44 My '62. (MIRA 15:4)

(Electric relays)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

A small neutral relay with a thermal switch. Avtom., telem.i sviaz' 6 no.2:44 F '62. (MIRA 15:3)
(Railroads--Electric equipment) (Electric relays)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

New types of plug-type relays. Avtom., telem. i sviaz' 5 no.12: 35-36 D '61. (MIRA 14:12)
(Railroads--Electric equipment) (Electric relays)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

BELYAZO, Ivan Afanas'yevich; DMITRIYEV, Valeriy Razumnikovich; NIKITINA, Yelena Vasil'yevna; PESTRIKOV, Aleksandr Nikolayevich; ZHIL'TSOV, P.N., inzh., retsenzent; MARENKOVA, G.I., inzh., red.; MEDVEDEVA, M.A., tekhn. red.

[Route-relay interlocking systems] Marshrutno-releinaia tsentralizatsiia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 282 p. (MIRA 15:5)
(Railroads--Signaling --Block system)
(Railroads--Signaling--Interlocking systems)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Operational requirements from centralized traffic control systems on single-track lines. Avtom. telem. i sviaz' 5 no.9:46 S '61. (MIRA 14:10)

(Railroads--Signaling)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.A.

Mass nature study and agricultural work in a Pioneers camp.
Biol. v shkole no.3:54-56 My-Je '61. (MIRA 14:7)

1. Moskovskiy oblastnoy pedagogicheskiy institut.
(Pioneers (Communist youth)) (Agriculture--Study and teaching)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

KAZAKOV, Aleksandr Aristarkhovich; DAVYDOVSKIY, Vladimir Mikhaylovich; ZHIL'TSOV, P.N., inzh., retsenzent; MATYASH, S.Ye., inzh., retsenzent; NIKOL'SKIY, V.A., inzh., retsenzent; STORCHUN, N.A., inzh., retsenzent; MARENKOVA, G.I., inzh., red.; NOVIKAS, M.N., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Automatic control, remote control, and communication systems in railroad transportation] Ustroistva avtomatiki, telemekhaniki i sviazi na zheleznodorozhnom transporte. Izd.3., perer. i dop. Moskva, Vses. izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1961.446 p. (MIRA 14:12)

(Railroads--Electronic equipment) (Automatic control) (Remote control)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Electric interlocking at small stations. Avtom. telem. i sviaz' 4 no.9:43-44 S '60. (MIRA 13:9)
(Railroads—Stations)
(Railroads—Signaling—Interlocking systems)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Schematics for using relay interlocking switch systems at small railroad stations. Avtom., telem i sviaz' 4 no.10:36-38 O '60. (MIRA 13:10)

(Railroads--Signaling--Interlocking systems)
(Railroads--Switching)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.

Electric interlocking at small railroad stations. Avtom.telem. i sviaz' 4 no.8:40-42 Ag '60. (MIRA 13:8)
(Railroads--Signaling--Interlocking systems)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N.

Look for the slide on the operating mechanism of a railroad switch. Avtom., telem. i sviaz' 4 no.1:39 Ja '60.
(MIRA 13:4)

1. Starshiy ekspert Glavnogo upravleniya signalizatsii i svyazi Ministerstva putey soobshcheniya.
(Railroads--Switches)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

MAYSHEV, P.V.; ZHIL'TSOV, P.N.; VYKHODTSEV, V.V.; KOTLYARENKO, N.F.; BRYLEYEV, A.M.; KUT'IN, I.M.; NEUGASOV, N.M.

Seventy-fifth anniversary of the birth of Professor Nikolai Osipovich Roginskii. Avtom., telem. i sviaz' 2 no.3:34 Mr '58.
(MIRA 13:1)
(Roginskii, Nikolai, Osipovich 1883-)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., insh.

Ways of developing automatic equipment and remote control for railroads. Vest.TSNII MPS 18 no.2:13-16 Mr '59.
(MIRA 12:6)

(Railroads--Signaling)
(Remote control)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., inzh.; GRISHIN, I.I., inzh.

Modernized switch diagram for electromechanical interlocking systems.
Avtom., telem. i sviaz' 2 no.9:37-39 S '58. (MIRA 11:10)
(Electric railroads--Switches)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, P.N., insh.

Effect of electric lighting in trains on the performance of track circuits. Avtom., telem. i sviaz' 2 no.11:28-30 N '58.
(MIRA 11:12)
(Railroads--Electric equipment)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, Petr Nikolayevich; KOLYADA, Grigoriy Ivanovich; GAMBURG, Ye.Yu., inzh., red.; MARENKOVA, O.I., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Concise manual on signaling, interlocking and block systems] Kratkii spravochnik po signalizatsii, tsentralizatsii i blokirovke. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 137 p. (MIRA 14:7)

(Railroads--Signaling)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, Petr Nikolayevich, inzh.; KOLYADA, Grigoriy Ivanovich, inzh.; PENKIN, N.F., kand.tekhn.nauk, red.; MARENKOVA, G.I., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Manual for electricians of dispatcher controlled signal systems] Rukovodstvo elektromekhaniku i monteru dispetcherskoi tsentralizatsii. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 282 p. (MIRA 12:12)

(Railroads--Electric equipment)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, PETR NIKOLAYEVICH

N/5
755.01
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Dispetcherskaya tsentralizatsiya vremennogo koda (Centralized signal system for railroad dispactchers)
Moskva, Transzheldorizdat, 1957.
49 p. illus., diagrs., tables.

755.01 N/5
653 N/5

MFA

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

RAZUVAYEV, G.A.; PETUKHOV, G.G.; ZHIL'TSOV, S.E.; KUDRYAVTSEV, L.F.

Oxidation of dicyclohexylmercury. Dokl. AN SSSR 135 no.1:87-90 N'60. (MIRA 13:11)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gosudarstvennom universitete im. N.I.Lobachevskogo. 2. Chlen-korrespondent AN SSSR (for Razuvayev).
(Mercury)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

RAZUVAYEV, G.A.; PETUKHOV, G.G.; ZAKHAROV, L.E.; KUDRYAVTSEV, L.P.

Oxidation of diisopropylmercury. Dokl. AN SSSR 141 no.1:107-109 N '61. (MIRA 14:11)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gosudarstvennom universitete im. N.I. Lobachevskogo. 2. Chlen-korrespondent AN SSSR (for Razuvayev).

(Mercury)
(Oxidation)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

RAZUVAYEV, G.A.; DRUZHKOV, O.N.; ZHIL'TSOV, S.F.; PETUKHOV, G.G.

Isotope and mass spectrometric method of studying the reaction of diphenylmercury with alcohols. Dokl. AN SSSR 163 no.1:119-122 Jl '65.
(MIRA 18:7)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gosudarstvennom universitete im. N.I.Lobachevskogo. 2. Chlen-korrespondent AN SSSR (for Razuvayev).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

RAZUVAYEV, G.A.; ZHIL'TSOV, S.F.; DRUZHKOV, O.N.; PETUKHOV, G.G.

Oxidation of alkyl organomercury compounds. Dokl. AN SSSR 152 no.3:633-636 S '63. (MIRA 16:12)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gosudarstvennom universitete im. N.I.Lobachevskogo. 2. Chlen-korrespondent AN SSSR (for Razuvayev).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

RAZUVAYEV, G.A.; ZHIL'TSOV, S.F.; DRUZHKOV, O.N.; PETUKHOV, G.G.

Interaction of diisopropylmercury with chloroform and carbon tetrachloride. Dokl. AN SSSR 156 no. 2:393-395 My '64. (MIRA 17:7)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gosudarstvennom universitete imeni N.I.Lobachevskogo.
2. Chlen-korrespondent AN SSSR (for Razuvayev).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ALEKSANDROV, Yu.A.; DRUZHKOV, O.N.; ZHIL'TSOV, S.F.; RAZUVAYEV, G.A.

Certain regularities in the liquid phase oxidation of diisopropyl-mercury by oxygen. Dokl. AN SSSR 157 no.6:1395-1398 Ag '64.
(MIRA 17:9)

1. Chlen-korrespondent AN SSSR (for Razuvayev).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

RAZUVAYEV, G.A.; DRUZHKOV, O.N.; ZHIL'TSOV, S.F.; PETUKHOV, V.G.

Thermal decomposition of organomercury compounds in deuterium-containing solvents. Part 1: Decomposition of diisopropylmercury in benzene. Zhur. ob. khim. 35 no.1:174-177 Ja '65.
(MIRA 18:2)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

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S/190/62/004/003/008/023
B110/B144

5.3830

AUTHORS: Razuvayev, G. A., Ryabov, A. V., Zhil'tsov, S. F., Sokolova, V. A., Voskoboynik, G. A.

TITLE: Initiation of vinyl polymerization by organomercury compounds

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 3, 1962, 371-375

TEXT: On the basis of M. M. Koton's investigations (Dokl. AN SSSR, 88, 991, 1953) the effect of oxygen on the polymerization of methyl methacrylate (I) and acrylonitrile is studied at 30-50°C in the presence of dicyclohexyl mercury (II), diisopropyl mercury (III), diethyl mercury (IV) and diphenyl mercury (V), cyclohexyl mercury chloride (VI) and phenyl mercury chloride (VII). The polymerization rate increases with the temperature. The compounds do not dissociate at 30 and 50°C. II and III decompose rapidly at room temperature in the presence of small oxygen amounts. Unstable peroxide compounds which initiate the polymerization, are formed from oxygen and II and III. With stable V and mercury chlorides, oxygen has an inhibiting effect. Its increase first accelerates then decelerates polymerization owing to the decomposition of organometallic

Card 1/3

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Initiation of vinyl polymerization ...

compounds and to the inhibiting effect of oxygen. Increase in oxygen pressure reduces the molecular weight to a constant value. Maximum conversion corresponds to constant minimum molecular weight and probably also to a maximum content of radicals formed. $r_1 = 0.8$, $r_2 = 0.9$ holds for 6 hrs copolymerization of styrene and I at 50°C initiated by 0.3 mole% of II, and in 14 hrs copolymerization of acrylonitrile and I at 30°C initiated by 0.3 mole% of III. Since these relative activities are similar to those of free radical copolymerization, II and III cause free radical polymerization. In the absence of O_2, hydroquinone additions of 50-500 mole% of the initiator reduced the conversion degree of I from 12 to 2-5%, and the molecular weight from 1,500,000 to 300,000. An induction period of 5.5 hrs was found in the polymerization with IV in air. There are 3 figures and 4 tables. The most important reference to English-language publications reads as follows: F. M. Lewis, F. R. Mayo, W. F. Hulse, J. Amer. Chem. Soc., 67, 1701, 1945.

ASSOCIATION: Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gosudarstvennom universitete im. N. I. Lobachevskogo (Scientific Chemical Research Institute of the Gor'kiy State University imeni N. I. Lobachevskiy)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

Initiation of vinyl polymerization ...

S/190/62/004/003/008/023
B110/B144

SUBMITTED: February 20, 1961

4

Card 3/3

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

RAZUVAYEV, G.A.; PETUKHOV, G.G.; ZHIL'TSOV, S.F.; KUDRYAVTSEV, L.F.

Thermal disintegration and oxidation of dicyclohexylmercury in benzene. Dokl.AN SSSR 144 no.4:810-812 Je '62. (MIRA 15:5)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gosudarstvennom universitete im. N.I.Lobachevskogo. 2. Chlen-korrespondent AN SSSR (for Razuvayev).
(Mercury) (Oxidation)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

RAZUVAYEV, G.A.; RYABOV, A.V.; ZHIL'TSOV, S.F.; SOKOLOVA, V.A.; VOSKOBOYNIK, G.A.

Initiating action of organomercury compounds in vinyl polymerization. Vysokom.soed. 4 no.3:371-375 Mr '62. (MIRA 15:3)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gosudarstvennom universitete imeni Lobachevskogo.
(Vinyl compound polymers) (Mercury organic compounds)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

RAZUVAYEV, G.A.; ZHIL'TSOV, S.F.; ALEKSANDROV, Yu.A.; DRUZHKOV, O.N.

Preparation and certain properties of isopropyl mercury isopropylate. Zhur. ob. khim. 35 no.7:1152-1156 Jl '65. (MIRA 18:8)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ALEKSANDROV, Yu.A.; DRUZHKOV, O.N.; ZHIL'TSOV, S.F.; RAZUVAYEV, G.A.

Kinetics and mechanism of the liquid-phase oxidation of diisopropylmercury. Zhur. ob. khim. 35 no.8:1440-1447 Ag '65. (MIRA 18:8)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, S.P.; MOKSHEV, N.A.

Mechanized supply storage room. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.10:50-51 O '65. (MIRA 18:12)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V.[Zhyl'tsov, V.], inzh.

Hydrocyclones in founding. Nauka i zhyttia 12 no.2:11 F '63.
(MIRA 16:4)

(Founding—Technological innovations)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V.

Lumber - Drying

Forced drying of Lumber, Sel'. stroi. 7 No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V., NIKIFOROV, V.

Brickmaking Machinery

Assemblage SM-296 for making clay bricks. Sel'.stroi. 7 no.2:16-17 Mr-Ap '52.

9. Monthly List of Russian Accessions, Library of Congress, July 1958, Uncl.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V.

Cranes, Derricks, etc.

Crane for use of construction of small buildings. Sel. ' stroi. no. 3, 1952

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

1. ZHIL'TSOV, V.

2. USSR (600)

4. Brickmaking Machinery

7. Installation and use of the SM296 unit., Sel'.stroi., 7, No.5 , 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V., inzh.

Low-frequency transistor amplifier. Radio no.10:27 O '64.
(MIRA 18:2)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

17

L 21211-65 EWT(m)/EPF(c)/EPF(n)-2/EPR Pr-4/Pa-4/Pu-4 IM

ACCESSION NR: AP5001266 S/0089/64/017/006/0448/0452

42
B

AUTHOR: Sinev, N. M.; Krasin, A. K.; Bychkov, L. F.; Blokhin, O. I.; Broder, D. L.; Gabrilsev, V. N.; Dudnikov, Yu. V.; Zhil'tsov, V. A.; Koptev, M. A.; Kolov, A. P.; Lantsov, M. N.; Lisochkin, G. A.; Merzlikin, G. A.; Morozov, I. G.; Komarov, A. Ya. (deceased); Orokhov, Yu. I.; Sergeyev, Yu. A.; Slyusarev, P. N.; Ushakov, G. N.; Fedorov, N. V.; Chernyy, V. Ya.; Shmelev, V. M.

TITLE: Small-size atomic electric power installation TES-3

19

SOURCE: Atomnaya energiya, v. 17, no. 6, 1964, 448-452

TOPIC TAGS: small atomic power installation, portable atomic power installation, nuclear reactor, electric power generation/TES-3 reactor

ABSTRACT: The paper is a summary of the SSSR report #310 at the Third International Conference on Peaceful Uses of Atomic Energy in Geneva, 1964. It describes a movable small-size atomic electric power installation with the water cooled and moderated TES-3 reactor (under 10,000 kw). It consists of four

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ACCESSION NR: AP5001266

blocks each of which was assembled at the manufacturing plant, and which are placed on four self-propelled flatcars on caterpillar tracks. No housing is required for the installation; the only local preparation needed is the radiation protection. The results with a demonstration model show a satisfactory agreement between the theoretically expected and actually obtained parameters of the installation. Orig. art. has: 4 figures

ASSOCIATION: None

SUBMITTED: 00 ENCL: 00 SUB CODE: NP

NR REF SOV: 000 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

BURDELEV, T.Ye., prof., dokt. veter. nauk; ZHIL'TSOV, V.G., dots., kand. veter. nauk; POPOV, V.V., dots., kand. veter. nauk, retsenzent; DREVLYANSKAYA, N.I., red.

[Laboratory manual on veterinary medicine] Praktikum po veterinarii. Moskva, Kolos, 1965. 226 p. (MIRA 18:7)

1. Khar'kovskiy zooveterinarnyy institut (for Popov).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

SERGEYEVA, A.V.; ZHIL'TSOV, V.G.; ROZHANSKIY, M. Ye.; YEZHOV, G.I.; KUDRYASHOV, A.G.; MARKOVA, A.M.

Erythroblastosis fetalis in newborn foals. Veterinariia 38 no.8:59-61 Ag '61 (MIRA 18:1)

1. Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.A. Timiryazeva.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

BURDELEV, T.Ye., prof.; ZHIL'TSOV, V.G., kand.veterinarnykh nauk

Disinfection of bulk feeds. Veterinariia 38 no.10:64-65 O '61. (MIRA 16:2)

1. Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya imeni K.A.Timiryazeva.
(Feeds—Disinfection)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

BURDELEV, T.Ye., prof., doktor veterinarnykh nauk; ZHIL'TSOV, V.G., kand.veterinarnykh nauk

Improving the hygienic properties of dry feeds. Izv.TSKhA no.6:154-160 '59. (MIRA 13:6)
(Feeds--Disinfection)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

BURDELEV, T.Ya., prof.; ZHIL'TSOV, V.G., kand.veterinarnykh nauk

Hygiene of feeds infected by fungi. Izv.TSKHA no.4:117-126 '62. (MIRA 15:12)

(Feeds) (Fungi, Poisonous)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V. G.

"Clinicoelectrocardiographic Indications of Certain Diseases of the Myocardium in Dogs." Cand Vet Sci, Moscow Veterinary Acad, Moscow, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

07/19/2001 CIA-RDP86-00513R00206481001

V-4

ZHIL'TSOV, V.G.

USSR/Human and Animal Physiology - Circulation.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18121

Author : V.G. Zhil'tsov

Inst : Moscow Vet. Acad.

Title : Cardiac Activity in the Presence of Experimental Damage to the Coronary Arteries in Dogs.

Orig Pub : Fiziol. zh. SSSR, 1956, 42, No 8, 653-659

Abstract : Ligating the left coronary artery of dogs at its origin led to the death of the animals in 30 to 45 minutes with the appearance of ventricular fibrillation. When its descending branch was ligated, there occurred shortness of breath, cyanosis, tachycardia, decreased systolic pressure, increased diastolic pressure and periods of cardiovascular insufficiency. These phenomena disappeared after 2 weeks, but were observed even later, however, in connection with physical exertion. In a month circulation time had increased from 14--17 seconds to 20--22 seconds. Six hours

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

BURDELEV, T.Ye., prof.; ZHIL'TSOV, V.G., dotsent

Vermifugal treatment of swine with ascariasis. Veterinariia 42 no.9:48-50 S '65. (MIRA 18:11)

1. Moskovskaya sel'skokhozyaystvennaya akademiya imeni Timiryazeva.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V.M., inzh.

Designing a hydrocyclone for the regeneration of used molding sand. Mashinostroenie no.4:54-55 Jl-Ag '63. (MIRA 17:2)

1. Ukrainskiy gosudarstvennyy proyektnyy institut stankostroitel'noy promyshlennosti.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V.M.

Effectiveness of the construction of water supply lines for gas fields. Gaz.prom. 4 no.9:10-12 S '59. (MIRA 12:11)
(Water-supply engineering) (Gas, Natural)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V. M., inzh.

Regenerative unit for hydroblast cleaning of castings. Mashinostroenie no.5:51-53 S-O '62. (MIRA 16:1)

1. Ukrgiprostanok.

(Foundries—Equipment and supplies)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V.M., kand. tekhn. nauk

Improved regeneration unit for hydraulic cleaning of castings.
Mashinostroenie no.5 25-27 S-O '64 (MIRA 18:2)

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ZHIL'TSOV, V.M.

Pilot plant for core sand reclamation and the purification of recirculating water. Lit.proizv. no.7:20-22 Jl '62. (MIRA 16:2)

(Sand, Foundry) (Foundries--Water supply)

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ZHIL'TSOV, V.M., inzh.

Installation for desalting and stabilizing water and removing hydrogen sulfide from it. Stroi. truboprov. 3 no.10:21-23 O '58. (MIRA 11:11)

(Water--Purification)

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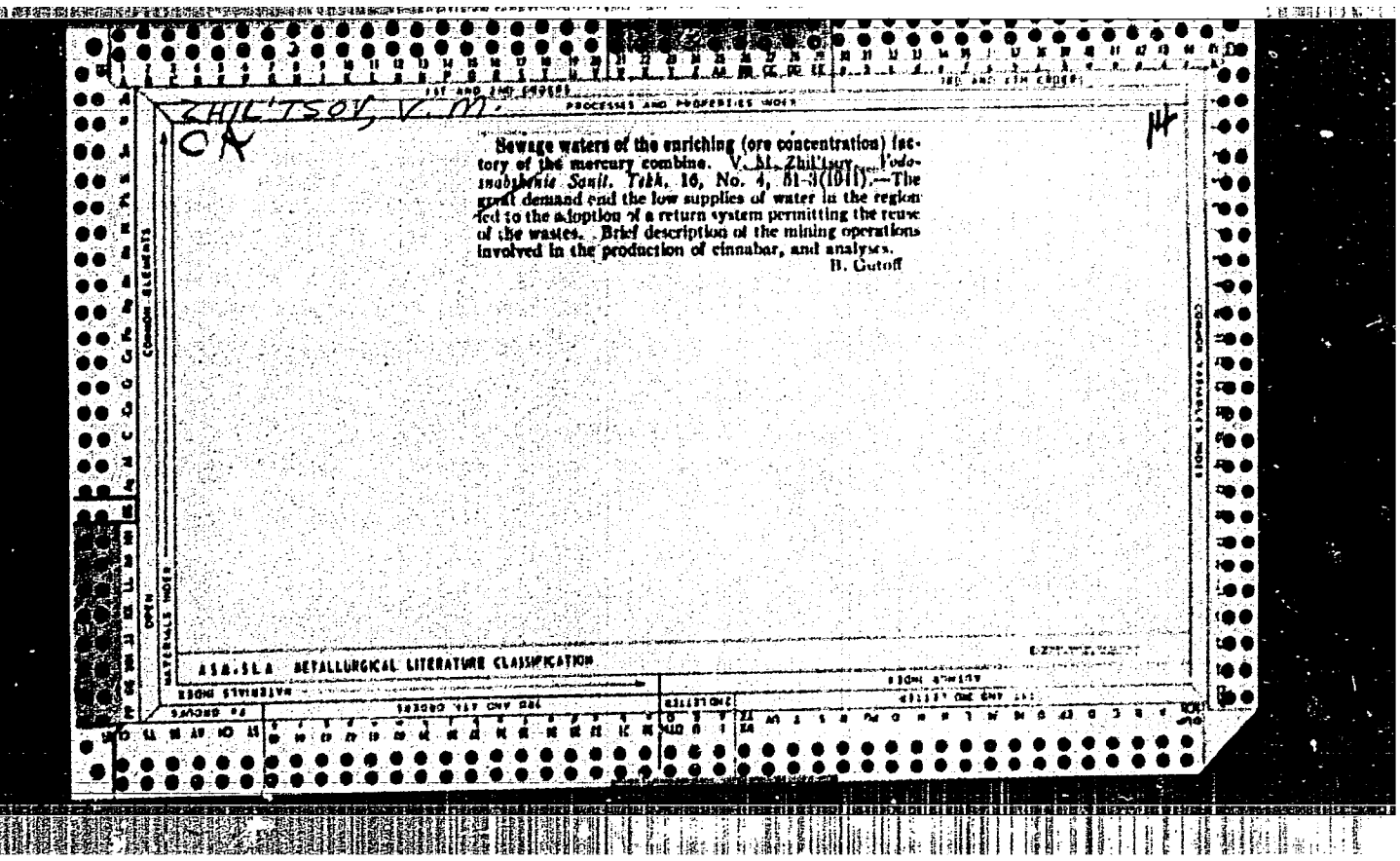

ZHIL'TSOV, V. M.

CA

14

Sewage waters of the enriching (ore concentration) factory of the mercury combine. V. M. Zhil'tsov. *Vodosnabzhenie Sanit. Tekh.* 16, No. 4, 31-3(1941).—The great demand and the low supplies of water in the region led to the adoption of a return system permitting the reuse of the wastes. Brief description of the mining operations involved in the production of cinnabar, and analyses.

B. Gutoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V.M., inzh. (Kiyev)

Means for reducing the cost of construction and exploitation of water-supply systems on gas compressor stations. Stroi. pred. neft. prom. 3 no.1:4-6 Ja '58. (MIRA 11:3)
(Water-supply engineering)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V.M.

Structural devects of the standard hydroblast room for the cleaning of castings. Lit. proizv. no.3:15-16 Mr '61. (MIRA 14:6)
(Foundries--Equipment and supplies)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V.M.

Treatment of the slurry during the cleaning of castings and the reclaiming of used sand mixtures. Lit. proizv. no.4:40-41 Ap '64. (MIRA 18:7)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHILKOV, V. P.

In a Russian Symposium of Papers entitled "Heat Treatment of Rails", edited by I. P. Bardin and published by the Soviet Academy of Science, Moscow 1950, The following articles appeared; Wear of medium Mn content rails.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, Vladimir Nikolayevich; MOSIN, Yevgeniy Tikhonovich; SERGEYEVA, A.I., inzh., red.; VERINA, G.P., tekhn.red.

[Arrangement and maintenance of the track of the Moscow subway] Ustroistvo i soderzhanie puti Moskovskogo metropolitena. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 294 p. (MIRA 13:5)
(Moscow--Subways--Maintenance and repair)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

S/196/62/000/008/015/017
E114/E135

AUTHORS: Marshak, I.S., Zhil'tsov, V.P., and Shchukin, L.I.

TITLE: Limiting flashing frequency of flash lamps

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.8, 1962, 5, abstract 8 V26. (Svetotekhnika, no.11, 1961, 13-17).

TEXT: For optical location and communications, computing apparatus, remote control, stroboscopic analysis, for high-speed filming, etc., the electrical-vacuum tube industry produces special flash lamps (strobotrons) intended for frequently repeated flashes. Under certain current supply conditions, standard illuminating flash lamps can also produce rapid successions of flashes and there is a limit flash frequency; if this frequency is exceeded normal operation will cease. The limiting frequency, which is associated with the recovery of the dielectric strength of the discharge gap of the tube, depends on its construction, the applied voltage, the power dissipated in the tube and the shape of the recovery voltage curve in the intervals between

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Limiting flashing frequency of ... S/196/62/000/008/015/017
E114/E135

discharges. Test equipment and methods of investigation for determining the above relationships are described. These were applied for testing tubular capillary ИСП 70 (ISP 70) and spherical tubes similar to ИСШ 300 (ISSh 300). The experimental results are plotted (limiting flash frequency against mean dissipated power, the control circuit parameters and the time required for the recovery of dielectric strength). It is not at present possible to give an exhaustive analysis of the curves obtained. However, it is pointed out that the increase of the operating voltage or of the wall temperature requires longer times of gas deionisation and of recovery of the insulating properties of the internal surfaces of the discharge tube: at higher voltages the time for recovery tends to become shorter. There are 6 figures and 11 references.

[Abstractor's note: Complete translation.]

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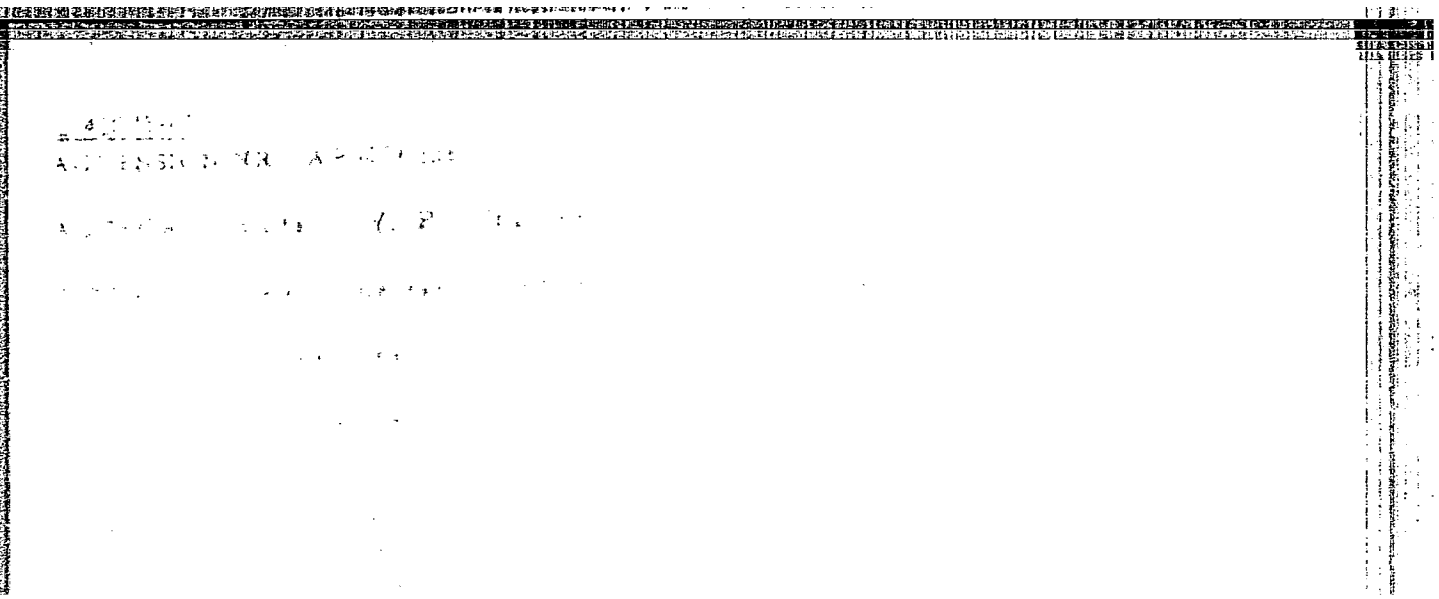

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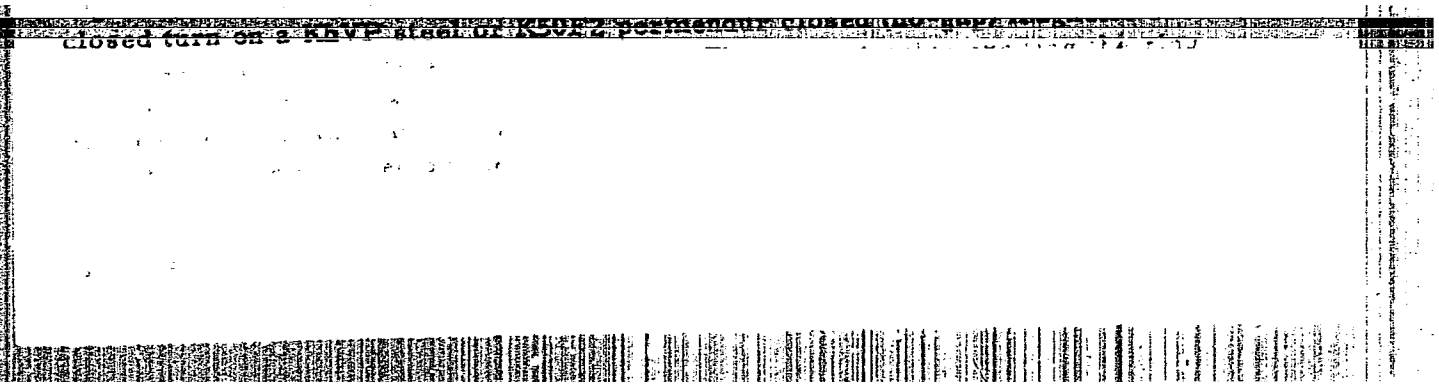

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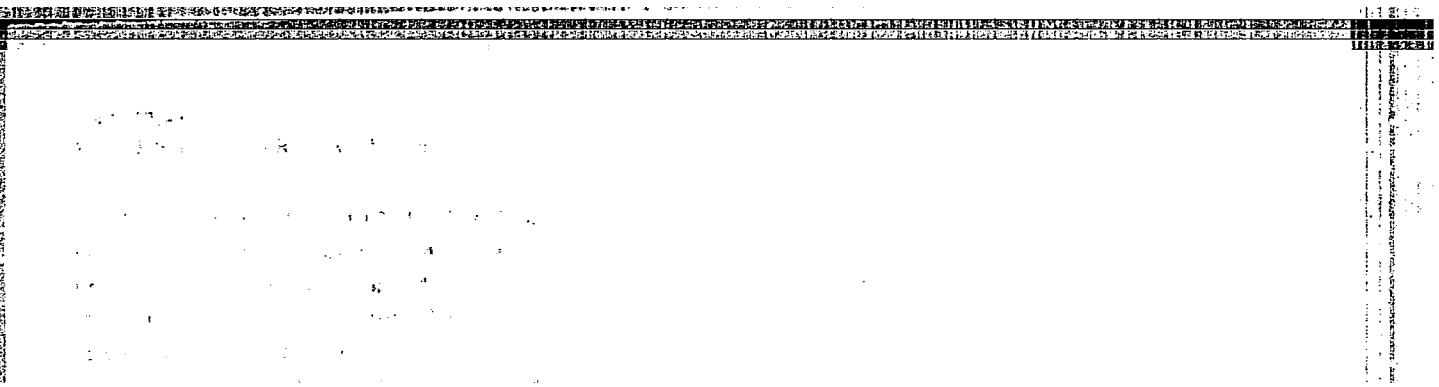

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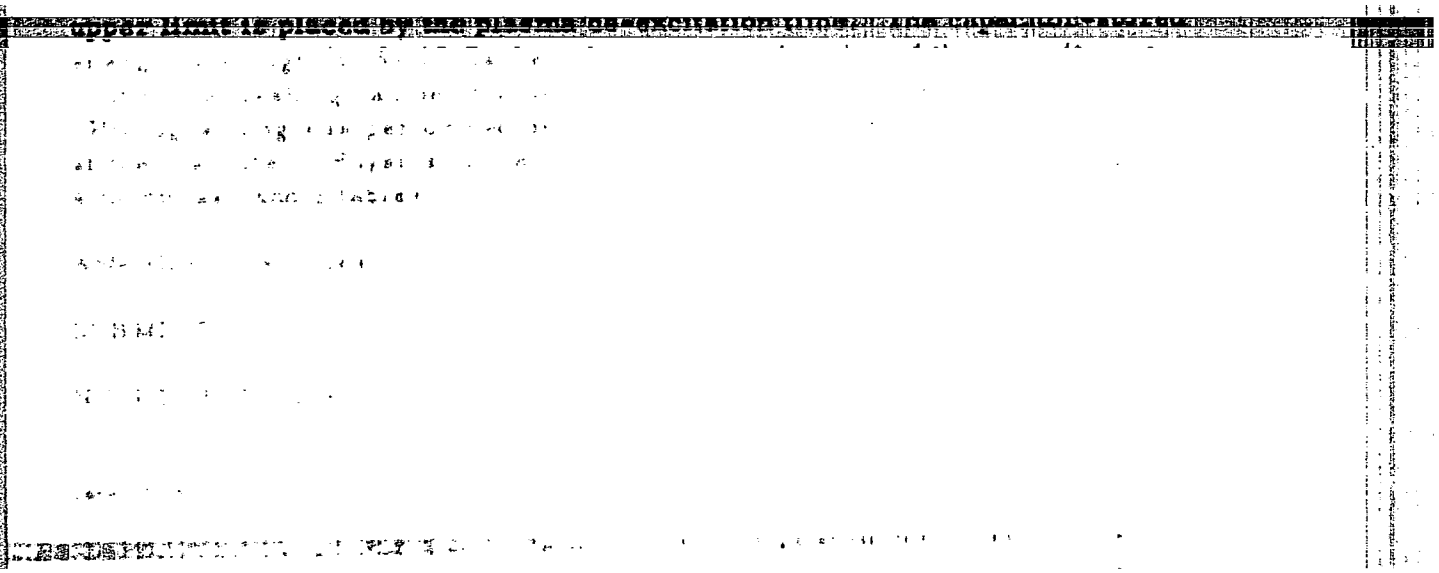

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

AUTHOR: Zhil'tsov, V. P., Slutskin, Y- [illegible]

TITLE: Multichamber discharger as a circuit component of a strobotron in high-speed photography

SOURCE: Pribory*i tekhnika eksperimenta, no. 4, 1963, 132-135

TOPIC TAGS: discharger, multichamber discharger, strobotror, photography, high-speed photography

ABSTRACT: The design, construction, and characteristics are described of a new device — a multichamber discharger — intended for switching heavy-current pulse circuits with a repetition rate [illegible] A stack [illegible] aluminum electrodes is enclosed [illegible] With the current amplitude of a few kiloamperes [illegible]

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ACCESSION NR: AP4044[illegible]

at 5-7 kv in the discharger. Light-flash oscillograms show that the discharger [illegible] somewhat the light-pulse amplitude. [illegible]

[illegible] 3 figures.

ASSOCIATION: Moscovskiy elektrolampovy*y zavod (Moscow Electric-Lamp Factory)

SUBMITTED: 26Jul62 DATE ACQ: 28Aug63 ENCL: 00

SUB CODE: GE, PG NO REF SOV: 001 OTHER: 003

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

ZHIL'TSOV, V.P.; SLUTSKIN, Ye.Kh.

Multichamber spark gap as an element of a strobotron circuit for use in high-speed photography. Prib. i tekh. eksp. 8 no.4: 132-135 Jl-Ag '63. (MIRA 16:12)

1. Moskovskiy elektrolampovyy zavod.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064810019-0

IVANOV, V.P.; VASSERMAN, A.L.; BUKAREVA, A.A.; ZHIL'TSOV, V.P.

Power supply for pulse lamps operating under conditions of high repetition rates of flash. Usp.nauch.fot. 6:62-63 '59. (MIRA 13:6)

(Photography, Flash light)
(Electric discharge lighting)

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